



Developing industry skills.

# Companion Volume Implementation Guide for the CPC Construction, Plumbing and Services Training Package

Release 6.0

January 2021

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## Introduction

### About Artibus Innovation and its industry sectors

Artibus Innovation is the Skills Service Organisation (SSO) supporting the Industry Reference Committees (IRCs) for the Construction, Plumbing and Services, and Property Services industries in Australia. It develops, manages and distributes nationally endorsed and recognised Training Packages, and associated training and assessment materials.

The Construction, Plumbing and Services IRC represents the workforce training and skills development needs of the construction, plumbing and services sectors. More than 1.8 million Australians work in over 526 000 enterprises within these industry sectors. Together these workers and companies contribute greatly to Australia's infrastructure by underpinning the nation's economic and social fabric.

Refer to [www.artibus.com.au](http://www.artibus.com.au) for more information.

### About the construction, plumbing and services sector

In economic terms the construction industry is a major segment of the Australian economy, employing nearly 900,000 people, with half of this workforce in the housing sector. The industry is characterised by contract labour and, with less than three people per firm, the norm is microbusinesses with owners working directly in a trade area, rather than just business management. The trend toward labour hire rather than direct employment is more pronounced in the general construction industry than in any other.

The CPC Construction, Plumbing and Services Training Package covers occupations and job roles in general and off-site construction, plumbing and services, from entry level to management.

Technology impacts on this sector in various ways. Building techniques used in the construction industry have undergone changes in recent years, with significant technological advances in prefabrication, energy efficiency and project management. These advancements have affected a wide range of fields from materials (concrete, metal pre-casting and alternative wood products), to management methods (subcontracting, prefabrication and project management), to innovations (robotics, computer-aided design and electronically linked project management teams). The benefits of technological advancement for the industry are seen in increased productivity, new capital equipment and the improved energy efficiency of buildings.

The plumbing and services sector is driven by public health and environmental requirements arising from the water industry and the need for proper sanitation. Sustainable and environmentally friendly practices are also driving the sector. The ongoing need to protect the environment from ozone-depleting substances, and the search for alternative energy methods and water-saving measures will require that plumbers of the future address environmental requirements in their everyday activities and that they have the appropriate education and training to enable them to do so.

### Purpose of this Guide

This Guide supports the CPC Construction, Plumbing and Services Training Package. It has been developed to assist trainers, assessors, registered training organisations (RTOs) and others by providing information about the structure and contents of the training package, as well as other guidance material.

## About training packages

A Training Package is an integrated set of nationally endorsed Australian Qualifications Framework (AQF) qualifications, units of competency and their associated assessment requirements for a specific industry, industry sector or enterprise.

Each Training Package:

- provides a consistent and reliable set of components for training and for recognising and assessing learner skills, and may also have optional support materials
- enables nationally recognised qualifications to be awarded through direct assessment of workplace competencies
- encourages the development and delivery of flexible training that suits learner and industry requirements
- strongly encourages learning and assessment in a work-related environment, which leads to verifiable workplace outcomes.

Training packages specify the skills and knowledge required to perform effectively in the workplace. They do not prescribe how an individual should be trained. Trainers and supervisors develop learning strategies – the ‘how’ – depending on learner needs, abilities and circumstances.

The ***Training Package Development and Endorsement Process Policy*** ensures that qualifications, units of competency and their associated assessment requirements are developed to an agreed quality standard and are responsive to industry’s existing and future demand for new skills.

The following key principles underpin the process:

- open and inclusive industry-driven improvement, validation and endorsement of training packages
- strong and clear key stakeholder roles with critical points of intervention and consultation
- high levels of responsiveness in order to meet industry needs and priorities for new skills.

More information about training packages may be found at:

<https://www.education.gov.au/training-packages>.

## Overview information

### Version control and modification history

Release	Release date	Comments
6.0	8 January 2021	<p><b>Building Information Modelling (BIM) skill set</b></p> <p>Development of three new units in one new skill set:</p> <p>CPCSS00005 Apply BIM Processes to Construction Work Skill Set</p> <p><b>Building Surveying</b></p> <p>One revised qualification:</p> <ul style="list-style-type: none"> <li>• CPC60121 Advanced Diploma of Building Surveying</li> </ul> <p>Sixteen revised units of competency.</p> <p>One new unit of competency.</p> <p><b>Minor release of CPCBC4008 Supervise site communications and administration processes for building and construction projects</b></p> <p>Element 4.2 corrected from; Conduct onsite inspections for project monitoring according to schedule using relevant inspection checklists to:</p> <p>4.2 Conduct onsite project monitoring and inspection of work quality</p> <p><b>Minor release of CPC40920 Certificate IV in Plumbing and Services</b></p> <p>Typographical error rectified in unit CPCPWT4023. Removed word 'test' from unit title in Group B electives.</p>
5.1	23 December 2020	<p><b>Minor release of 21 qualifications</b></p> <ul style="list-style-type: none"> <li>• CPC10120 Certificate I in Construction</li> <li>• CPC20220 Certificate II in Construction Pathways</li> <li>• CPC20720 Certificate II in Drainage</li> <li>• CPC30216 Certificate III in Signs and Graphics</li> <li>• CPC30220 Certificate III in Carpentry</li> <li>• CPC30620 Certificate III in Painting and Decorating</li> <li>• CPC30720 Certificate III in Rigging</li> <li>• CPC30920 Certificate III in Scaffolding</li> <li>• CPC31120 Certificate III in Steelfixing</li> <li>• CPC32320 Certificate III in Stonemasonry</li> </ul>

Release	Release date	Comments
		<ul style="list-style-type: none"> <li>• CPC32420 Certificate III in Plumbing</li> <li>• CPC32620 Certificate III in Roof Plumbing</li> <li>• CPC32720 Certificate III in Gas Fitting</li> <li>• CPC32820 Certificate III in Fire Protection</li> <li>• CPC32920 Certificate III in Construction Crane Operations</li> <li>• CPC33020 Certificate III in Bricklaying and Blocklaying</li> <li>• CPC40120 Certificate IV in Building and Construction</li> <li>• CPC40320 Certificate IV in Building Project Support</li> <li>• CPC41020 Certificate IV in Demolition</li> <li>• CPC50320 Diploma of Building and Construction (Management)</li> <li>• CPC60220 Advanced Diploma of Building and Construction (Management)</li> </ul> <p><b>Minor release of 153 units</b></p> <ul style="list-style-type: none"> <li>• CPCBC4002 Manage work health and safety in the building and construction workplace</li> <li>• CPCBC4003 Select, prepare and administer a construction contract</li> <li>• CPCBC4007 Plan building and construction work</li> <li>• CPCBC4008 Supervise site communication and administration processes for building and construction projects</li> <li>• CPCBC4010 Apply structural principles to residential and commercial constructions</li> <li>• CPCBC4022 Supervise tilt-up work</li> <li>• CPCBC5005 Select and manage building and construction contractors</li> <li>• CPCBC6013 Evaluate concrete performance for multi-storey buildings</li> <li>• CPCBL3009 Install flashings and damp proof course</li> <li>• CPCBL3010 Construct masonry arches</li> <li>• CPCBL3011 Construct curved walls</li> <li>• CPCBL3018 Install aerated autoclaved concrete products</li> <li>• CPCCA2002 Use carpentry tools and equipment</li> <li>• CPCCA3005 Construct ceiling frames</li> <li>• CPCCA3006 Erect roof trusses</li> </ul>

Release	Release date	Comments
		<ul style="list-style-type: none"> <li>• CPCCCA3025 Read and interpret plans, specifications and drawings for carpentry work</li> <li>• CPCCCA3028 Erect and dismantle formwork for footings and slabs on ground</li> <li>• CPCCCO2013 Carry out concreting to simple forms</li> <li>• CPCCCO2014 Carry out concrete work</li> <li>• CPCCCDE3014 Remove non-friable asbestos</li> <li>• CPCCCDE3024 Operate mobile plant on suspended floors on demolition sites</li> <li>• CPCCCDE3025 Operate remote-controlled plant on demolition sites</li> <li>• CPCCCDE3026 Operate excavators at ground level to demolish building elements</li> <li>• CPCCCJN3002 Use computer-controlled machinery</li> <li>• CPCCCJN3003 Manufacture components for doors, windows and frames</li> <li>• CPCCLDG3001 Licence to perform dogging</li> <li>• CPCCLSF2001 Licence to erect, alter and dismantle scaffolding basic level</li> <li>• CPCCLSF4001 Licence to erect, alter and dismantle scaffolding advanced level</li> <li>• CPCCLTC4001 Licence to operate a tower crane</li> <li>• CPCCLTC4002 Licence to operate a self-erecting tower crane</li> <li>• CPCCOM1012 Work effectively and sustainably in the construction industry</li> <li>• CPCCOM1013 Plan and organise work</li> <li>• CPCCOM1014 Conduct workplace communication</li> <li>• CPCCOM1015 Carry out measurements and calculations</li> <li>• CPCCOM2001 Read and interpret plans and specifications</li> <li>• CPCCON3055 Install topping slabs</li> <li>• CPCCON3056 Conduct concrete pump delivery operations</li> <li>• CPCCON3057 Core concrete</li> <li>• CPCCPB3019 Inspect equipment for serviceability</li> <li>• CPCCPD2013 Remove and replace doors and door and window components</li> <li>• CPCCPD3021 Prepare existing coated surface for painting</li> </ul>



Release	Release date	Comments
		<ul style="list-style-type: none"> <li>• CCCC3023 Apply texture coat paint finishes by brush, roller and spray</li> <li>• CCCC3025 Match specific paint colours</li> <li>• CCCC3027 Remove and apply wallpaper</li> <li>• CCCCRI3013 Perform intermediate rigging</li> <li>• CCCCRI3015 Perform advanced tilt-up slab erection</li> <li>• CCCCRT2001 Handle roof tiling materials</li> <li>• CCCCRT3005 Slate a roof</li> <li>• CCCCRT3006 Fix shingles to roofs and facades</li> <li>• CCCCSC2002 Erect and dismantle basic scaffolding</li> <li>• CCCCSC3001 Erect and dismantle intermediate scaffolding</li> <li>• CCCCSC3006 Apply gilding to signs</li> <li>• CCCCSP3003 Apply trowelled texture coat finishes</li> <li>• CCCCSP3004 Restore and renovate solid plasterwork</li> <li>• CCCCST2005 Carry out load slinging of off-site materials</li> <li>• CCCCST4004 Initiate the heritage works process</li> <li>• CCCCST4005 Prepare drawings for heritage works</li> <li>• CCCCST4006 Prepare report for heritage restoration work</li> <li>• CCCCST4007 Construct a fire brick wall and arch using refractory materials</li> <li>• CCCC5009 Assess the impact of fire on building materials</li> <li>• CCCCWC3002 Install and finish plasterboard and fibre cement sheeting to arch substrate</li> <li>• CCCCWF3005 Install decorative tiling</li> <li>• CCCCWF3006 Install mosaic tiling</li> <li>• CCCCWF3008 Tile pools and spas</li> <li>• CCCCWP2001 Handle waterproofing materials and components</li> <li>• CCCCWP2002 Use waterproofing tools and equipment</li> <li>• CCCCWP2004 Prepare surfaces for waterproofing application</li> <li>• CCCCWP3001 Apply waterproofing system to below ground level wet areas</li> <li>• CCCCWP3002 Apply waterproofing process to internal wet areas</li> </ul>

Release	Release date	Comments
		<ul style="list-style-type: none"> <li>• CCCCWP3003 Apply waterproofing process to external above-ground wet areas</li> <li>• CCCCWP3004 Apply waterproofing remedial processes</li> <li>• CCCCWP3005 Assess construction waterproofing processes</li> <li>• CPCPCM2043 Carry out WHS requirements</li> <li>• CPCPCM2045 Handle and store plumbing materials</li> <li>• CPCPCM2049 Cut using oxy acetylene equipment</li> <li>• CPCPCM2053 Weld using metal arc welding equipment</li> <li>• CPCPCM2055 Work safely on roofs</li> <li>• CPCPCM3022 Weld polymer pipes using fusion method</li> <li>• CPCPCM3023 Fabricate and install non-ferrous pressure piping</li> <li>• CPCPCM3024 Prepare simple drawings</li> <li>• CPCPCM3025 Install trench support</li> <li>• CPCPCM4011 Carry out work-based risk control processes</li> <li>• CPCPCM4012 Estimate and cost work</li> <li>• CPCPCM4013 Produce 2-D architectural drawings using design software</li> <li>• CPCPCM5010 Design complex sanitary plumbing and drainage systems</li> <li>• CPCPCM5011 Design complex cold water systems</li> <li>• CPCPCM5012 Design complex stormwater and roof drainage systems</li> <li>• CPCPCM5013 Design complex (non-solar) heated water systems</li> <li>• CPCPCM5014 Design sewer infrastructure systems</li> <li>• CPCPDR2021 Locate and clear blockages</li> <li>• CPCPDR2025 Install stormwater and sub-soil drainage systems and drain work site</li> <li>• CPCPDR2026 Install prefabricated inspection openings and inspection chambers</li> <li>• CPCPDR3021 Plan layout and install below ground sanitary drainage systems</li> <li>• CPCPDR4011 Design and size sanitary drainage systems</li> <li>• CPCPDR4012 Design and size stormwater drainage systems</li> </ul>

Release	Release date	Comments
		<ul style="list-style-type: none"> <li>• CPCPFS2021 Connect static storage tanks for fixed fire protection systems</li> <li>• CPCPFS2022 Install portable fire equipment</li> <li>• CPCPFS3030 Design fire sprinkler systems using pre-calculated charts and tables</li> <li>• CPCPFS3034 Install control valve assemblies, actuating devices and local alarms</li> <li>• CPCPFS3036 Install special hazard systems</li> <li>• CPCPFS3038 Test and maintain fire hydrant and hose reel installations</li> <li>• CPCPFS3040 Conduct basic functional testing of water-based fire-suppression systems</li> <li>• CPCPFS3041 Inspect and test fire pumpsets</li> <li>• CPCPFS3042 Conduct annual routine service of complex water-based fire-suppression systems</li> <li>• CPCPFS3043 Conduct functional water flow testing</li> <li>• CPCPFS3046 Test the integrity of water-based fire protection systems using pressure</li> <li>• CPCPFS3049 Conduct preventive maintenance on fixed fire pumpsets</li> <li>• CPCPFS4022 Commission and maintain special hazard fire suppression systems</li> <li>• CPCPFS4024 Design residential fire sprinkler systems</li> <li>• CPCPFS4025 Commission fire alarm and detection system interface devices</li> <li>• CPCPFS4027 Commission fire sprinkler systems</li> <li>• CPCPFS5012 Design fire hydrant and hose reel systems</li> <li>• CPCPGS3049 Install gas appliance flues</li> <li>• CPCPGS3052 Maintain Type A gas appliances</li> <li>• CPCPGS3056 Size and install consumer gas piping systems</li> <li>• CPCPGS3060 Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8 kl</li> <li>• CPCPGS3061 Install and commission Type A gas appliances</li> <li>• CPCPGS4023 Install, commission and service Type B gas appliances</li> <li>• CPCPIG2021 Design domestic urban irrigation systems</li> </ul>

Release	Release date	Comments
		<ul style="list-style-type: none"> <li>• CPCPIG3022 Install and commission domestic irrigation pumps</li> <li>• CPCPMS3032 Select and fit insulation and sheathing</li> <li>• CPCPMS3034 Install and test medical gas pipeline systems</li> <li>• CPCPMS3035 Install and test ducting systems</li> <li>• CPCPMS3036 Install air handling units</li> <li>• CPCPMS3037 Install and commission a single head split system air conditioning</li> <li>• CPCPMS3038 Install air conditioning control equipment</li> <li>• CPCPMS3039 Maintain mechanical services equipment</li> <li>• CPCPMS4022 Commission air and water systems</li> <li>• CPCPMS5012 Design sound attenuated hydraulic services</li> <li>• CPCPMS5013 Design hydronic heating and cooling systems</li> <li>• CPCPPS5000 Design gas bulk storage systems</li> <li>• CPCPPS5014 Locate and maintain piping systems</li> <li>• CPCPPS5025 Design grey water re-use systems</li> <li>• CPCPRF2022 Select and install roof sheeting and wall cladding</li> <li>• CPCPRF2024 Fabricate roof coverings for curved structures</li> <li>• CPCPRF3024 Install roof components</li> <li>• CPCPRF3027 Select and install a heritage roof system</li> <li>• CPCPSN3011 Plan the layout of a residential sanitary plumbing system and fabricate and install sanitary stacks</li> <li>• CPCPSN3026 Install sewerage pumpsets</li> <li>• CPCPWT3022 Install and commission water heating systems and adjust controls and devices</li> <li>• CPCPWT3027 Install backflow prevention devices</li> <li>• CPCPWT3029 Install water pipe systems</li> <li>• CPCPWT3030 Install home fire sprinkler systems</li> <li>• CPCSFS5017 Create detailed designs for foam suppression systems</li> <li>• CPCSHP3002 Fabricate and assemble shopfront structures</li> <li>• CPCSHP3009 Demolish shopfronts and bulkheads</li> <li>• CPCSHP3010 Prepare shop floors for new coverings</li> </ul>

Release	Release date	Comments
		<ul style="list-style-type: none"> <li>• CPCSPS4002 Select, procure and store construction materials for swimming pool and spa projects</li> <li>• CPCSPS4006 Apply sprayed concrete to shape and finish swimming pools and spas</li> <li>• CPCSPS4010 Lay swimming pool and spa coping</li> <li>• CPCSUS5001 Develop workplace policies and procedures for sustainability</li> <li>• CPCWHS3001 Identify construction work hazards and select risk control strategies</li> <li>• CPCWC3004 Install suspended ceilings</li> </ul>
5.0	28 November 2020	<p><b>Bricklaying, Blocklaying and Stonemasonry</b></p> <p>Two revised qualifications:</p> <ul style="list-style-type: none"> <li>• CPC32320 Certificate III in Stonemasonry</li> <li>• CPC33020 Certificate III in Bricklaying and Blocklaying.</li> </ul> <p>One deleted qualification:</p> <ul style="list-style-type: none"> <li>• CPC31611 Certificate III in Paving</li> </ul> <p>Fifty-six revised units of competency.</p> <p>Four new units of competency.</p> <hr/> <p><b>Building and Construction</b></p> <p>Five revised qualifications:</p> <ul style="list-style-type: none"> <li>• CPC40120 Certificate IV in Building and Construction</li> <li>• CPC40320 Certificate IV in Building Project Support</li> <li>• CPC50220 Diploma of Building and Construction (Building)</li> <li>• CPC50320 Diploma of Building and Construction (Management)</li> <li>• CPC60220 Advanced Diploma of Building and Construction (Management).</li> </ul> <p>Three deleted qualifications:</p> <ul style="list-style-type: none"> <li>• CPC40408 Certificate IV in Building &amp; Construction (Sales)</li> <li>• CPC40611 Certificate IV in Building &amp; Construction (Specialist Trades)</li> <li>• CPC40708 Certificate IV in Building &amp; Construction (Trade Contracting).</li> </ul> <p>Sixty-seven revised units of competency.</p> <p>Two new units of competency.</p>

Release	Release date	Comments
		<p data-bbox="587 264 1169 297">Two units of competency proposed for deletion.</p> <p data-bbox="587 331 852 365"><b>Building Completions</b></p> <p data-bbox="587 387 906 421">Five revised qualifications:</p> <ul data-bbox="587 443 1294 685" style="list-style-type: none"> <li data-bbox="587 443 1070 477">• CPC30820 Certificate III in Roof Tiling</li> <li data-bbox="587 495 1129 528">• CPC31020 Certificate III in Solid Plastering</li> <li data-bbox="587 546 1214 580">• CPC31220 Certificate III in Wall and Ceiling Lining</li> <li data-bbox="587 598 1190 631">• CPC31320 Certificate III in Wall and Floor Tiling</li> <li data-bbox="587 649 1294 685">• CPC31420 Certificate III in Construction Waterproofing.</li> </ul> <p data-bbox="587 703 999 736">Sixty revised units of competency.</p> <p data-bbox="587 754 959 788">Two new units of competency.</p> <p data-bbox="587 806 1002 840">Four deleted units of competency.</p> <p data-bbox="587 873 863 907"><b>Carpentry and Joinery</b></p> <p data-bbox="587 929 911 963">Two revised qualifications:</p> <ul data-bbox="587 981 1070 1066" style="list-style-type: none"> <li data-bbox="587 981 1031 1014">• CPC31920 Certificate III in Joinery</li> <li data-bbox="587 1032 1070 1066">• CPC30220 Certificate III in Carpentry.</li> </ul> <p data-bbox="587 1084 1054 1117">Thirty-six revised units of competency.</p> <p data-bbox="587 1135 954 1169">Five new units of competency.</p> <p data-bbox="587 1202 724 1236"><b>Concreting</b></p> <p data-bbox="587 1258 898 1292">One revised qualification:</p> <ul data-bbox="587 1310 1082 1344" style="list-style-type: none"> <li data-bbox="587 1310 1082 1344">• CPC30320 Certificate III in Concreting.</li> </ul> <p data-bbox="587 1361 1046 1395">Eighteen revised units of competency.</p> <p data-bbox="587 1413 959 1447">Two new units of competency.</p> <p data-bbox="587 1480 874 1514"><b>Construction Pathways</b></p> <p data-bbox="587 1536 930 1570">Three revised qualifications:</p> <ul data-bbox="587 1588 1214 1727" style="list-style-type: none"> <li data-bbox="587 1588 1086 1621">• CPC10120 Certificate I in Construction</li> <li data-bbox="587 1639 1094 1673">• CPC20120 Certificate II in Construction</li> <li data-bbox="587 1691 1214 1727">• CPC20220 Certificate II in Construction Pathways</li> </ul> <p data-bbox="587 1744 1054 1778">Fourteen revised units of competency.</p> <p data-bbox="587 1796 959 1830">Two new units of competency.</p> <p data-bbox="587 1863 730 1897"><b>Demolition</b></p> <p data-bbox="587 1919 911 1953">Two revised qualifications:</p> <ul data-bbox="587 1971 1078 2004" style="list-style-type: none"> <li data-bbox="587 1971 1078 2004">• CPC30420 Certificate III in Demolition</li> </ul>

Release	Release date	Comments
		<ul style="list-style-type: none"> <li>• CPC41020 Certificate IV in Demolition.</li> </ul> <p>Nineteen revised units of competency.</p> <p>Four new units of competency.</p> <hr/> <p><b>High Risk Work</b></p> <p>Four revised qualifications:</p> <ul style="list-style-type: none"> <li>• CPC30720 Certificate III in Rigging</li> <li>• CPC30920 Certificate III in Scaffolding</li> <li>• CPC31120 Certificate III in Steelfixing</li> <li>• CPC32920 Certificate III in Construction Crane Operations.</li> </ul> <p>Two deleted qualifications:</p> <ul style="list-style-type: none"> <li>• CPC30511 Certificate III in Dogging</li> <li>• CPC31712 Certificate III in Post-Tensioning.</li> </ul> <p>Thirty-five revised units of competency.</p> <hr/> <p><b>Painting and Decorating</b></p> <p>One revised qualification:</p> <ul style="list-style-type: none"> <li>• CPC30620 Certificate III in Painting and Decorating.</li> </ul> <p>Eighteen revised units of competency.</p> <p>One new unit of competency.</p> <hr/> <p><b>Plumbing and Fire Services</b></p> <p>Eight revised qualifications:</p> <ul style="list-style-type: none"> <li>• CPC20720 Certificate II in Drainage</li> <li>• CPC32420 Certificate III in Plumbing</li> <li>• CPC32620 Certificate III in Roof Plumbing</li> <li>• CPC32720 Certificate III in Gas Fitting</li> <li>• CPC32820 Certificate III in Fire Protection</li> <li>• CPC40920 Certificate IV in Plumbing and Services</li> <li>• CPC50520 Diploma of Fire Systems Design</li> <li>• CPC50620 Diploma of Hydraulic Services Design</li> </ul> <p>Five deleted qualifications:</p> <ul style="list-style-type: none"> <li>• CPC20812 Certificate II in Metal Roofing and Cladding</li> <li>• CPC20912 Certificate II in Urban Irrigation</li> <li>• CPC32513 Certificate III in Plumbing (Mechanical Services)</li> </ul>

Release	Release date	Comments
		<ul style="list-style-type: none"> <li>• CPC50412 Diploma of Plumbing and Services</li> <li>• CPC80115 Graduate Certificate in Fire Systems Design Management</li> </ul> <p>One hundred and fifty-five revised units of competency. Six new units of competency. Seven deleted units of competency.</p> <p><b>Shopfitting</b></p> <p>One revised qualification:</p> <ul style="list-style-type: none"> <li>• CPC30120 Certificate III in Shopfitting.</li> </ul> <p>Ten revised units of competency.</p> <p><b>Swimming Pool and Spa Building</b></p> <p>One revised qualification:</p> <ul style="list-style-type: none"> <li>• CPC40820 Certificate IV in Swimming Pool and Spa Building.</li> </ul> <p>One revised unit of competency. Ten new units of competency. Two deleted units of competency.</p> <p><b>Concreting</b></p> <p>One revised qualification:</p> <ul style="list-style-type: none"> <li>• CPC30318 Certificate III in Concreting.</li> </ul> <p>Thirty-two revised units of competency, equivalent to the units they have superseded. Minor upgrade.</p> <p>The following imported units of competency were updated in CPC30116 Certificate III in Shopfitting as elective units:</p> <ul style="list-style-type: none"> <li>• BSBSMB421 supersedes and is equivalent to BSBSMB406</li> <li>• MSFGG3036 supersedes but is not equivalent to MSFGG3017.</li> </ul>
4.0	January 2019	<p><b>Plasterboard</b></p> <p>Two revised units of competency:</p> <ul style="list-style-type: none"> <li>• CPCCPB3014 Install bulk insulation and pliable membrane products</li> <li>• CPCCPB3027 Install ceiling products.</li> </ul>
3.0	May 2017	<p><b>Work health and safety</b></p> <p>Minor upgrade.</p>



Release	Release date	Comments
		<p>One revised unit of competency:</p> <ul style="list-style-type: none"> <li>• CPCCWHS1001 Prepare to work safely in the construction industry.</li> </ul>
2.1	December 2016	<p><b>Signs and graphics, Shopfitting</b></p> <p>Two revised qualifications:</p> <ul style="list-style-type: none"> <li>• CPC30116 Certificate III in Shopfitting</li> <li>• CPC30216 Certificate III in Signs and Graphics.</li> <li>• Ten revised units of competency.</li> </ul>
2.0	September 2016	<p><b>Building Surveying</b></p> <p>Minor ISC upgrade.</p> <p>Eight revised units of competency.</p>
1.1	December 2015	<p>Primary release.</p> <p>Two revised qualifications:</p> <ul style="list-style-type: none"> <li>• CPC60115 Advanced Diploma of Building Surveying</li> <li>• CPC80115 Graduate Certificate in Fire Systems Design Management.</li> </ul> <p>One new qualification:</p> <ul style="list-style-type: none"> <li>• CPC80215 Graduate Diploma of Building Surveying.</li> </ul> <p>One new skill set:</p> <ul style="list-style-type: none"> <li>• CPCSS00004 Provide building surveying services for residential buildings up to three storeys.</li> </ul> <p>Thirty-four revised units of competency.</p>
1.0	June 2015	

## Summary of the CPC Construction, Plumbing and Services Training Package

The CPC Construction, Plumbing and Services Training Package comprises:

- 37 qualifications
- 584 units of competency and associated assessment requirements
- 2 skill sets
- 101 imported units of competency

### Training Package code and title

Each Training Package has a unique national code identified by a three-alpha character code followed by a concise title reflecting the industry sector.

For the CPC Construction, Plumbing and Services Training Package, the three-alpha character code includes:

- CP = 'construction and property' industries
- C = 'construction, plumbing and services' industry sectors.

### Qualification codes

As represented in Figure 1 below, each qualification has a unique eight-character code the:

- first three characters identify the Training Package
- first number identifies the qualification level
- next two numbers identify the position of the qualification in the sequence of qualifications at that level
- last two numbers identify the year in which the qualification was endorsed.

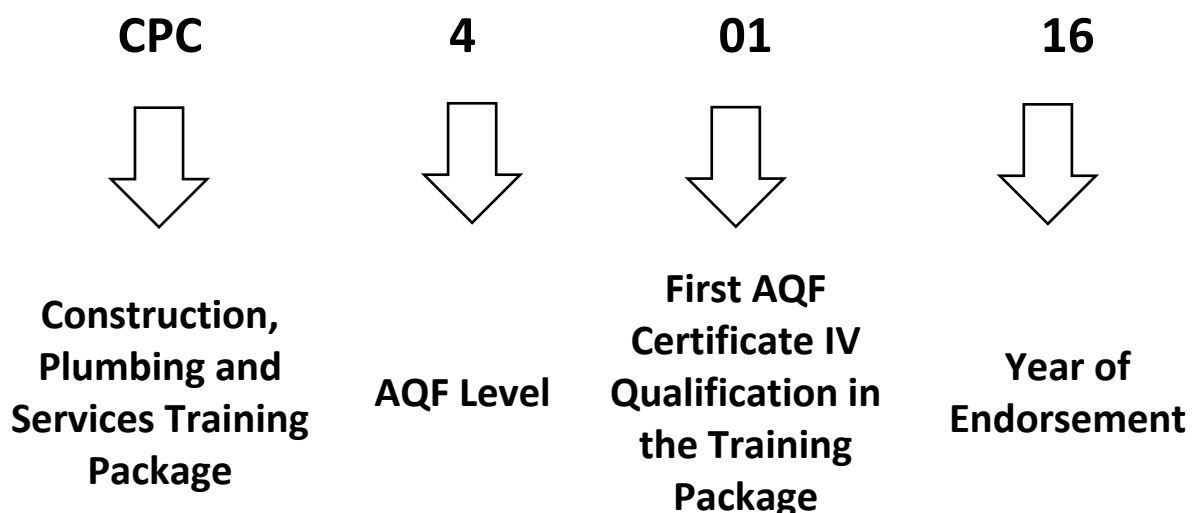


Figure 1. Qualification coding

## Unit of competency codes

Units of competency are nationally agreed statements about the skills and knowledge required for effective performance in the workplace. They identify outcomes as defined by regulatory requirements and agreed by industry.

As such, they identify the skills and knowledge (as outcomes) that contribute to the whole job function. They do not describe how to perform a particular role.

As represented in Figure 2 below, in the CPC Construction, Plumbing and Services Training Package, each unit of competency has a unique ten-character code where the:

- first three letters identify the Training Package
- next three or four letters identify the industry sector
- the four numbers identify the position of the unit in the sequence of units in the sector.

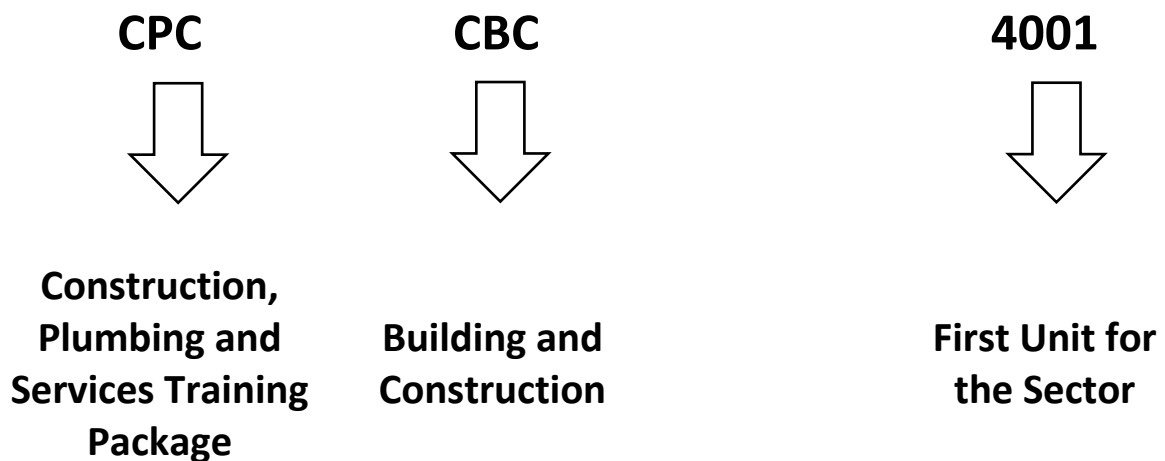


Figure 2. Unit of competency coding

## List of Training Package components

### CPC Construction, Plumbing and Services Training Package Qualifications

Qualifications comprise units of competency that, when packaged together, support an industry-agreed job role. Qualifications typically comprise several mandatory core units that are required across the entire industry and a number of elective units that can be chosen to suit the industry sector and regulatory, enterprise, professional or individual requirements.

The AQF provides a comprehensive, nationally consistent framework for all qualifications in post-compulsory education and training in Australia. In the vocational education and training (VET) sector, it assists national consistency for all trainees, learners, employers and RTOs by enabling national recognition of qualifications and statements of attainment.

For a full explanation of the AQF, refer to the *AQF Second Edition (January 2013)*, which may be found at [www.aqf.edu.au](http://www.aqf.edu.au).

Qualification Code	Qualification Title
CPC10120	Certificate I in Construction
CPC20120	Certificate II in Construction
CPC20220	Certificate II in Construction Pathways
CPC20720	Certificate II in Drainage
CPC30120	Certificate III in Shopfitting
CPC30216	Certificate III in Signs and Graphics
CPC30220	Certificate III in Carpentry
CPC30320	Certificate III in Concreting
CPC30420	Certificate III in Demolition
CPC30620	Certificate III in Painting and Decorating
CPC30720	Certificate III in Rigging
CPC30820	Certificate III in Roof Tiling
CPC30920	Certificate III in Scaffolding
CPC31020	Certificate III in Solid Plastering
CPC31120	Certificate III in Steelfixing
CPC31220	Certificate III in Wall and Ceiling Lining
CPC31320	Certificate III in Wall and Floor Tiling
CPC31420	Certificate III in Construction Waterproofing
CPC31920	Certificate III in Joinery
CPC32320	Certificate III in Stonemasonry
CPC32420	Certificate III in Plumbing
CPC32620	Certificate III in Roof Plumbing
CPC32720	Certificate III in Gas Fitting

<b>Qualification Code</b>	<b>Qualification Title</b>
CPC32820	Certificate III in Fire Protection
CPC32920	Certificate III in Construction Crane Operations
CPC33020	Certificate III in Bricklaying and Blocklaying
CPC40120	Certificate IV in Building and Construction
CPC40320	Certificate IV in Building Project Support
CPC40820	Certificate IV in Swimming Pool and Spa Building
CPC40920	Certificate IV in Plumbing and Services
CPC41020	Certificate IV in Demolition
CPC50220	Diploma of Building and Construction (Building)
CPC50320	Diploma of Building and Construction (Management)
CPC50520	Diploma of Fire Systems Design
CPC50620	Diploma of Hydraulic Services Design
CPC60121	Advanced Diploma of Building Surveying
CPC60220	Advanced Diploma of Building and Construction (Management)

## CPC Construction, Plumbing and Services Training Package units of competency

A unit of competency is a specification of industry skills and knowledge and the application of those skills and knowledge to the standard of performance required in the workplace.

Every CPC Construction, Plumbing and Services Training Package unit of competency has associated assessment requirements that describe the evidence and required conditions for assessment.

Code	Title
CPCBIM4001	Plan to comply with BIM requirements for construction work
CPCBIM4002	Use BIM processes to carry out construction work
CPCBIM4003	Contribute to BIM deliverables for construction work
CPCCCBC4001	Apply building codes and standards to the construction process for Class 1 and 10 buildings
CPCCCBC4002	Manage work health and safety in the building and construction workplace
CPCCCBC4003	Select, prepare and administer a construction contract
CPCCCBC4004	Identify and produce estimated costs for building and construction projects
CPCCCBC4005	Produce labour and material schedules for ordering
CPCCCBC4006	Select, procure and store construction materials for building and construction projects
CPCCCBC4007	Plan building and construction work
CPCCCBC4008	Supervise site communication and administration processes for building and construction projects
CPCCCBC4009	Apply legal requirements to building and construction projects
CPCCCBC4010	Apply structural principles to residential and commercial constructions
CPCCCBC4012	Read and interpret plans and specifications
CPCCCBC4013	Prepare and evaluate tender documentation
CPCCCBC4014	Prepare simple building sketches and drawings
CPCCCBC4015	Prepare specifications for all construction works
CPCCCBC4017	Arrange resources and prepare for the building and construction project
CPCCCBC4018	Apply site surveys and set-out procedures to building and construction projects
CPCCCBC4019	Apply sustainable building design principles to water management systems
CPCCCBC4020	Build thermally efficient and sustainable structures
CPCCCBC4021	Minimise waste on the building and construction site
CPCCCBC4022	Supervise tilt-up work
CPCCCBC4024	Resolve business disputes
CPCCCBC4026	Arrange building applications and approvals
CPCCCBC4027	Establish a basis for sales consulting
CPCCCBC4028	Prepare design brief for construction works

<b>Code</b>	<b>Title</b>
CPCCBC4029	Apply construction information to the sales process
CPCCBC4030	Analyse and communicate industry information
CPCCBC4031	Process client requirements
CPCCBC4032	Apply contract law to sales processes
CPCCBC4033	Maintain the sales environment
CPCCBC4052	Lead and manage teams in the building and construction industry
CPCCBC4053	Apply building codes and standards to the construction process for Class 2 to 9 Type C buildings
CPCCBC5001	Apply building codes and standards to the construction process for Type B construction
CPCCBC5002	Monitor costing systems on complex building and construction projects
CPCCBC5003	Supervise the planning of on-site building and construction work
CPCCBC5004	Supervise and apply quality standards to the selection of building and construction materials
CPCCBC5005	Select and manage building and construction contractors
CPCCBC5006	Apply site surveys and set-out procedures to building projects up to three storeys
CPCCBC5007	Administer the legal obligations of a building and construction contractor
CPCCBC5009	Identify services layout and connection methods for Type B and C constructions
CPCCBC5010	Manage construction work
CPCCBC5011	Manage environmental management practices and processes in building and construction
CPCCBC5012	Manage the application and monitoring of energy conservation and management practices and processes
CPCCBC5013	Manage professional technical and legal reports on building and construction projects
CPCCBC5018	Apply structural principles to the construction of buildings up to three storeys
CPCCBC5019	Manage building and construction business finances
CPCCBC6001	Apply building codes and standards to the construction process for large building projects
CPCCBC6002	Generate and direct the development of new projects
CPCCBC6003	Establish, maintain and review contract administration procedures and frameworks
CPCCBC6005	Manage tender developments for major projects
CPCCBC6006	Manage the procurement and acquisition of resources for building and construction projects

<b>Code</b>	<b>Title</b>
CPCCBC6007	Develop, plan and implement building and construction environmental management processes
CPCCBC6008	Develop and implement an estimating and tendering system
CPCCBC6009	Develop, plan and implement a building and construction planning process
CPCCBC6010	Plan, develop and implement building and construction energy conservation and management processes
CPCCBC6011	Establish systems to develop and monitor building and construction costs
CPCCBC6012	Manage and administer development of documentation for building and construction projects
CPCCBC6013	Evaluate concrete performance for multi-storey buildings
CPCCBC6014	Apply structural principles to the construction of large, high-rise and complex buildings
CPCCBC6015	Apply building surveying procedures
CPCCBC6016	Assess construction faults in large building projects
CPCCBC6017	Evaluate services layout and connection methods for the planning of large building projects
CPCCBC6018	Manage processes for complying with legal obligations of a building and construction contractor
CPCCBL2001	Handle and prepare bricklaying and blocklaying materials
CPCCBL2002	Use bricklaying and blocklaying tools and equipment
CPCCBL3001	Lay paving
CPCCBL3002	Carry out masonry veneer construction
CPCCBL3003	Carry out cavity brick construction
CPCCBL3004	Construct masonry steps and stairs
CPCCBL3005	Lay masonry walls and corners
CPCCBL3006	Lay multi-thickness walls and piers
CPCCBL3007	Install glass blockwork
CPCCBL3009	Install flashings and damp proof course
CPCCBL3010	Construct masonry arches
CPCCBL3011	Construct curved walls
CPCCBL3012	Construct fireplaces and chimneys
CPCCBL3013	Construct masonry structural systems
CPCCBL3014	Install fire-rated masonry construction
CPCCBL3015	Construct decorative brickwork
CPCCBL3016	Construct battered masonry walls and piers
CPCCBL3017	Carry out tuck pointing and repointing to masonry



<b>Code</b>	<b>Title</b>
CPCCBL3018	Install aerated autoclaved concrete products
CPCCBS6101	Research and evaluate construction methods and materials for Class 1 and 10 buildings to three storeys
CPCCBS6102	Research and evaluate construction methods and materials for Class 2 to 9 buildings to three storeys
CPCCBS6103	Identify and apply legal and ethical requirements to building surveying functions
CPCCBS6104	Assess and advise on compliance of design documentation for Class 1 and 10 buildings to three storeys
CPCCBS6105	Assess and advise on compliance of design documentation for Class 2 to 9 buildings to three storeys
CPCCBS6107	Prepare planning and development applications for buildings to three storeys
CPCCBS6108	Process building applications for Class 1 and 10 buildings to three storeys
CPCCBS6109	Process building applications for Class 2 to 9 buildings to three storeys
CPCCBS6110	Conduct and report on building surveying audits of Class 1 and 10 buildings to three storeys
CPCCBS6111	Conduct and report on building surveying audits of Class 2 to 9 buildings to three storeys
CPCCBS6112	Conduct and report on initial construction inspections of Class 1 and 10 buildings to three storeys
CPCCBS6113	Conduct and report on initial construction inspections of Class 2 to 9 buildings to three storeys
CPCCBS6114	Conduct and report on advanced and final inspections of Class 1 and 10 buildings to three storeys
CPCCBS6115	Conduct and report on advanced and final inspections of Class 2 to 9 buildings to three storeys
CPCCBS6116	Assess and advise on performance solutions for Class 2 to 9 buildings to three storeys
CPCCBS6117	Monitor and advise on construction and compliance upgrade work on buildings to three storeys
CPCCBS6118	Assess and advise on performance solutions for Class 1 and 10 buildings to three storeys
CPCCCA2002	Use carpentry tools and equipment
CPCCCA2011	Handle carpentry materials
CPCCCA3001	Carry out general demolition of minor building structures
CPCCCA3002	Carry out setting out
CPCCCA3003	Install flooring systems
CPCCCA3004	Construct and erect wall frames

<b>Code</b>	<b>Title</b>
CPCCCA3005	Construct ceiling frames
CPCCCA3006	Erect roof trusses
CPCCCA3007	Construct pitched roofs
CPCCCA3008	Construct eaves
CPCCCA3009	Constructed advanced roofs
CPCCCA3010	Install windows and doors
CPCCCA3011	Refurbish timber sashes to window frames
CPCCCA3012	Frame and fit wet area fixtures
CPCCCA3014	Construct and install bulkheads
CPCCCA3016	Construct, assemble, and install timber external stairs
CPCCCA3017	Install exterior cladding
CPCCCA3018	Construct, erect and dismantle formwork for stairs and ramps
CPCCCA3019	Erect and dismantle formwork to suspended slabs, columns, beams and walls
CPCCCA3020	Erect and dismantle jump-form formwork
CPCCCA3022	Install curtain walling
CPCCCA3024	Install lining, panelling and moulding
CPCCCA3025	Read and interpret plans, specifications and drawings for carpentry work
CPCCCA3026	Assemble partitions
CPCCCA3027	Set-up, operate and maintain indirect action powder-actuated power tools
CPCCCA3028	Erect and dismantle formwork for footings and slabs on ground
CPCCCM1011	Undertake basic estimation and costing
CPCCCM2002	Carry out hand excavation
CPCCCM2004	Handle construction materials
CPCCCM2005	Use construction tools and equipment
CPCCCM2006	Apply basic levelling procedures
CPCCCM2007	Use explosive power tools
CPCCCM2008	Erect and dismantle restricted height scaffolding
CPCCCM2009	Carry out basic demolition
CPCCCM2010	Work safely on scaffolding higher than two metres
CPCCCM2012	Work safely at heights
CPCCCM2013	Undertake basic installation of wall tiles
CPCCCM3001	Operate elevated work platforms up to 11 metres
CPCCCM3002	Operate a truck-mounted loading crane

<b>Code</b>	<b>Title</b>
CPCCCM3003	Work safely around electrical sources, services and assets
CPCCCM3004	Identify and apply information in construction plans, drawings and specifications
CPCCCM3005	Calculate costs of construction work
CPCCCO2013	Carry out concreting to simple forms
CPCCCO2014	Carry out concrete work
CPCCCO4001	Supervise concreting work
CPCCDE3014	Remove non-friable asbestos
CPCCDE3015	Remove friable asbestos
CPCCDE3016	Identify hazards on demolition sites and apply risk management strategies
CPCCDE3017	Select and use hand tools and equipment for demolition tasks
CPCCDE3018	Select and use small plant and equipment for demolition tasks
CPCCDE3019	Demolish small buildings and structures using hand tools and small plant and equipment
CPCCDE3020	Select and use tools and equipment for hot work in the demolition industry
CPCCDE3021	Operate demolition material crushing plants
CPCCDE3022	Manage demolition recyclable, waste materials and contaminated soil using load shifting equipment
CPCCDE3023	Operate skid steer loaders at ground level on demolition sites
CPCCDE3024	Operate mobile plant on suspended floors on demolition sites
CPCCDE3025	Operate remote-controlled plant on demolition sites
CPCCDE3026	Operate excavators at ground level to demolish building elements
CPCCDE3027	Read and interpret demolition site plans and drawings
CPCCDE4001	Plan and prepare for activities on demolition sites
CPCCDE4002	Plan demolition work to minimise risk to health, safety and environment
CPCCDE4003	Supervise operational activities on demolition sites
CPCCDE4004	Finalise demolition activities and supervise property handover
CPCCDE4005	Apply structural principles to the planning of the demolition of a structure
CPCCDE4006	Demolish stressed panel structure and pre-cast panel structure
CPCCDE4007	Manage waste streams
CPCCDE4008	Supervise asbestos removal
CPCCDE5001	Conduct air monitoring and clearance inspections for asbestos removal work
CPCCDO2011	Handle and position dogging tools and equipment
CPCCDO3011	Perform dogging

<b>Code</b>	<b>Title</b>
CPCCDO3012	Perform crane scheduling
CPCCJN2001	Assemble components
CPCCJN2003	Package manufactured products for transport
CPCCJN3002	Use computer-controlled machinery
CPCCJN3003	Manufacture components for doors, windows and frames
CPCCJN3004	Manufacture and assemble joinery components
CPCCJN3005	Cut and install glass
CPCCJN3100	Process materials to produce components using static machines
CPCCJS3002	Manufacture stair components for straight flighted stairs
CPCCJS3003	Assemble and install stairs
CPCCJS3004	Manufacture and install continuous handrailing and special stair components
CPCCJS3005	Manufacture stair components for curved and geometric stairs
CPCCJS3006	Construct, assemble and install composite external stairs
CPCCJS3011	Design and set out stairs
CPCCLBM3001	Licence to operate a concrete placing boom
CPCCLDG3001	Licence to perform dogging
CPCCLHS3001	Licence to operate a personnel and materials hoist
CPCCLHS3002	Licence to operate a materials hoist
CPCCLRG3001	Licence to perform rigging basic level
CPCCLRG3002	Licence to perform rigging intermediate level
CPCCLRG4001	Licence to perform rigging advanced level
CPCCLSF2001	Licence to erect, alter and dismantle scaffolding basic level
CPCCLSF3001	Licence to erect, alter and dismantle scaffolding intermediate level
CPCCLSF4001	Licence to erect, alter and dismantle scaffolding advanced level
CPCCLTC4001	Licence to operate a tower crane
CPCCLTC4002	Licence to operate a self-erecting tower crane
CPCCOM1012	Work effectively and sustainably in the construction industry
CPCCOM1013	Plan and organise work
CPCCOM1014	Conduct workplace communication
CPCCOM1015	Carry out measurements and calculations
CPCCOM1016	Identify requirements for safe precast and tilt-up work
CPCCOM1017	Prepare simple construction sketches
CPCCOM2001	Read and interpret plans and specifications

<b>Code</b>	<b>Title</b>
CPCCOM3001	Perform construction calculations to determine carpentry material requirements
CPCCOM3006	Carry out levelling operations
CPCCON2021	Handle concreting materials and components
CPCCON2022	Select, use and maintain concreting plant, tools and equipment
CPCCON3035	Determine concrete supply requirements
CPCCON3036	Plan concrete work and brief team
CPCCON3041	Place concrete
CPCCON3042	Finish concrete
CPCCON3043	Cure concrete
CPCCON3044	Apply decorative finishes to concrete
CPCCON3046	Repair and rectify concrete
CPCCON3047	Cut concrete
CPCCON3048	Construct tilt panels on site
CPCCON3049	Apply and finish sprayed concrete
CPCCON3050	Carry out high-performance concreting
CPCCON3051	Conduct off-form vertical concrete operations
CPCCON3052	Conduct concrete boom delivery operations
CPCCON3053	Slump-test concrete
CPCCON3054	Operate concrete agitator trucks
CPCCON3055	Install topping slabs
CPCCON3056	Conduct concrete pump delivery operations
CPCCON3057	Core concrete
CPCCPA3001	Prepare subgrade, base and bedding course for segmental paving
CPCCPA3002	Lay segmental paving
CPCCPA3003	Cut segmental paving
CPCCPA3004	Finish segmental paving
CPCCPA3005	Maintain and repair segmental paving
CPCCPB3001	Fix standard plasterboard wall sheets
CPCCPB3002	Fix standard plasterboard ceiling sheets
CPCCPB3003	Fix battens
CPCCPB3004	Fix wet area sheets
CPCCPB3005	Fix ceiling sheets to external protected areas
CPCCPB3006	Fix fibre cement board

<b>Code</b>	<b>Title</b>
CPCCPB3007	Apply levels of finish standards to planning and inspection of own work
CPCCPB3008	Mix plastering compounds
CPCCPB3009	Finish plasterboard joints manually
CPCCPB3010	Manually sand plaster work
CPCCPB3012	Cut and fix paper-faced cornices
CPCCPB3014	Install bulk insulation and pliable membrane products
CPCCPB3015	Install acoustic and thermal environmental protection systems
CPCCPB3016	Install and finish columns
CPCCPB3017	Rectify faults in drywall applications
CPCCPB3018	Use vacuum and electric sanding equipment to finish plaster work
CPCCPB3019	Inspect equipment for serviceability
CPCCPB3020	Match, mitre and install cast ornamental cornices
CPCCPB3021	Install and fix residential acoustic plaster products
CPCCPB3022	Use mechanical jointing equipment to finish joints
CPCCPB3026	Erect and maintain trestle and plank systems
CPCCPB3027	Install ceiling insulation products
CPCCPD2011	Handle and store painting and decorating materials
CPCCPD2012	Use painting and decorating tools and equipment
CPCCPD2013	Remove and replace doors and door and window components
CPCCPD3021	Prepare existing coated surface for painting
CPCCPD3022	Apply paint by brush and roller
CPCCPD3023	Apply texture coat paint finishes by brush, roller and spray
CPCCPD3024	Apply paint by spray
CPCCPD3025	Match specific paint colours
CPCCPD3026	Apply stains and clear timber finishes
CPCCPD3027	Remove and apply wallpaper
CPCCPD3028	Apply decorative paint finishes
CPCCPD3029	Remove graffiti and apply anti-graffiti coatings
CPCCPD3030	Apply protective paint coating systems
CPCCPD3031	Work safely with lead-painted surfaces in the painting industry
CPCCPD3032	Apply advanced wall coverings
CPCCPD3033	Apply intumescent coatings
CPCCPD3034	Apply advanced decorative paint finishes
CPCCPD3035	Prepare uncoated surfaces for painting

<b>Code</b>	<b>Title</b>
CPCCPD3036	Work safely to encapsulate non-friable asbestos in the painting industry
CPCCRI3001	Operate personnel and materials hoists
CPCCRI3012	Perform basic rigging
CPCCRI3013	Perform intermediate rigging
CPCCRI3014	Perform advanced structural steel erection
CPCCRI3015	Perform advanced tilt-up slab erection
CPCCRI3016	Perform advanced tower crane erection
CPCCRT2001	Handle roof tiling materials
CPCCRT2002	Use roof tiling tools and equipment
CPCCRT3001	Tile regular roofs
CPCCRT3002	Tile irregular roofs
CPCCRT3003	Repair and replace valleys, valley irons and flashings
CPCCRT3004	Repair and renovate tile roofs
CPCCRT3005	Slate a roof
CPCCRT3006	Fix shingles to roofs and facades
CPCCS2001	Handle and position scaffolding tools, equipment and components
CPCCS2002	Erect and dismantle basic scaffolding
CPCCS3001	Erect and dismantle intermediate scaffolding
CPCCSF2001	Handle steelfixing materials
CPCCSF2002	Use steelfixing tools and equipment
CPCCSF2003	Cut and bend materials using oxy-LPG equipment
CPCCSF2004	Place and fix reinforcement materials
CPCCSF2005	Arc weld reinforcement steel
CPCCSF2006	Machine-cut reinforcement materials
CPCCSF2007	Splice and anchor using mechanical methods
CPCCSF3001	Apply reinforcement schedule
CPCCSF3002	Carry out monostrand post-tensioning
CPCCSF3003	Carry out multistrand post-tensioning
CPCCSF3004	Carry out stressbar post-tensioning
CPCCSG3001	Design and layout digital signs for production
CPCCSG3002	Produce and apply vinyl signs
CPCCSG3003	Colour manage signs
CPCCSG3004	Print digital signs
CPCCSG3005	Engrave signs

<b>Code</b>	<b>Title</b>
CPCCSG3006	Apply gilding to signs
CPCCSG3007	Paint lines and scrolls
CPCCSG3008	Hand draw chalkboards and showcards
CPCCSG3009	Screen-print signs
CPCCSG3010	Hand render pictorials
CPCCSG3011	Install LED technology into signs
CPCCSG3012	Fabricate signs
CPCCSG3013	Paint letters and decorative effects for signs
CPCCSG3014	Manufacture gas-charged glass-formed illuminated signs
CPCCSG3015	Produce airbrushed signs
CPCCSG3016	Prepare surfaces for signs
CPCCSG3017	Erect and install signs
CPCCSH2003	Apply and install sealant and sealant devices
CPCCSP2001	Handle solid plastering materials
CPCCSP2002	Use solid plastering tools and equipment
CPCCSP2003	Prepare surfaces for plastering
CPCCSP3001	Apply float and render to straight and curved surfaces
CPCCSP3002	Apply set coats
CPCCSP3003	Apply trowelled texture coat finishes
CPCCSP3004	Restore and renovate solid plasterwork
CPCCSP3005	Install pre-cast decorative mouldings
CPCCSP3006	Install cast plaster blockwork and wall sheet panels
CPCCSP3007	Apply plaster by projection machine
CPCCSP3008	Carry out conite construction and wall panelling
CPCCST2001	Prepare for stonemasonry construction process
CPCCST2003	Finish stone
CPCCST2004	Lay stone
CPCCST2005	Carry out load slinging of off-site materials
CPCCST2006	Identify and use stone products
CPCCST2007	Use stonemasonry tools, plant and equipment
CPCCST3001	Dress and mould stone
CPCCST3002	Shape solid stone
CPCCST3003	Split stone manually
CPCCST3004	Dress stone manually



<b>Code</b>	<b>Title</b>
CPCST3006	Machine stone
CPCST3007	Turn stone
CPCST3009	Use computer-controlled static machinery to produce stone components
CPCST3010	Set out and cut letters in stone
CPCST3011	Plan monument construction
CPCST3012	Build stone veneer walls
CPCST3013	Carry out cemetery monument fixing
CPCST3014	Set and anchor stone facades
CPCST3015	Apply gilding to stone
CPCST3016	Build solid stonemasonry walls
CPCST3017	Construct stone arches
CPCST3018	Inlay lead to stone
CPCST3019	Lay stonemasonry stairs
CPCST3020	Produce reconstituted stone
CPCST3021	Restore stone work
CPCST3022	Carry out profile work
CPCST3023	Apply drawing principles to stonemasonry
CPCST3024	Apply conservation principles and practices to heritage stonework
CPCST3025	Carry out basic stonemasonry demolition
CPCST4001	Prepare to undertake the heritage restoration process
CPCST4002	Undertake the heritage restoration process
CPCST4003	Undertake preparations for refractory work
CPCST4004	Initiate the heritage works process
CPCST4005	Prepare drawings for the heritage works
CPCST4006	Prepare report for heritage restoration work
CPCST4007	Construct a fire brick wall and arch using refractory materials
CPCSV5009	Assess the impact of fire on building materials
CPCVE1002	Undertake a basic computer design project
CPCVE1011	Undertake a basic construction project
CPCWC2001	Complete penetrations and flashings
CPCWC3001	Install and finish plasterboard and fibre cement sheeting to curved wall and ceiling substrates
CPCWC3002	Install and finish plasterboard and fibre cement sheeting to arch substrates
CPCWC3003	Install dry wall passive fire-rated systems

<b>Code</b>	<b>Title</b>
CPCCWC3004	Install suspended ceilings
CPCCWF2001	Handle wall and floor tiling materials
CPCCWF2002	Use wall and floor tiling tools and equipment
CPCCWF3001	Prepare surfaces for tiling application
CPCCWF3002	Install floor tiles
CPCCWF3003	Install wall tiles
CPCCWF3004	Repair wall and floor tiling
CPCCWF3005	Install decorative tiling
CPCCWF3006	Install mosaic tiling
CPCCWF3007	Tile curved surfaces
CPCCWF3008	Tile pools and spas
CPCCWF3009	Apply waterproofing for wall and floor tiling
CPCCWHS1001	Prepare to work safely in the construction industry
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCCWP2001	Handle waterproofing materials and components
CPCCWP2002	Use waterproofing tools and equipment
CPCCWP2004	Prepare surfaces for waterproofing application
CPCCWP3001	Apply waterproofing system to below-ground level wet areas
CPCCWP3002	Apply waterproofing process to internal wet areas
CPCCWP3003	Apply waterproofing process to above-ground external wet areas
CPCCWP3004	Apply waterproofing remedial processes
CPCCWP3005	Assess construction waterproofing processes
CPCMCM8001	Plan and manage complex projects
CPCMCM8002	Manage the quality of projects and processes
CPCPCM2039	Carry out interactive workplace communication
CPCPCM2040	Read plans, calculate quantities and mark out materials
CPCPCM2041	Work effectively in the plumbing and services sector
CPCPCM2043	Carry out WHS requirements
CPCPCM2045	Handle and store plumbing materials
CPCPCM2046	Use plumbing hand and power tools
CPCPCM2047	Carry out levelling
CPCPCM2048	Cut and join sheet metal
CPCPCM2049	Cut mild steel using oxy-acetylene equipment

<b>Code</b>	<b>Title</b>
CPCPCM2052	Weld mild steel using oxy-acetylene equipment
CPCPCM2053	Weld using metal metal arc welding equipment
CPCPCM2054	Carry out simple concreting and rendering
CPCPCM2055	Work safely on roofs
CPCPCM3021	Flash penetrations through roofs and walls
CPCPCM3022	Weld polymer pipes using fusion method
CPCPCM3023	Fabricate and install non-ferrous pressure piping
CPCPCM3024	Prepare simple drawings
CPCPCM3025	Install trench support
CPCPCM4011	Carry out work-based risk control processes
CPCPCM4012	Estimate and cost work
CPCPCM4013	Produce 2-D architectural drawings using design software
CPCPCM4015	Access and interpret regulatory requirements for the plumbing and services industry
CPCPCM5010	Design complex sanitary plumbing and drainage systems
CPCPCM5011	Design complex cold water systems
CPCPCM5012	Design complex stormwater and roof drainage systems
CPCPCM5013	Design complex (non-solar) heated water systems
CPCPCM5014	Design sewer infrastructure systems
CPCPDR2021	Locate and clear blockages
CPCPDR2025	Install stormwater and sub-soil drainage systems and drain work site
CPCPDR2026	Install prefabricated inspection openings and inspection chambers
CPCPDR3021	Plan layout and install below ground sanitary drainage system
CPCPDR3023	Install on-site domestic wastewater treatment plants and disposal systems
CPCPDR3024	Maintain and service domestic treatment plants and onsite sewerage facilities
CPCPDR3025	Plan layout and install vacuum drainage systems
CPCPDR4011	Design and size sanitary drainage systems
CPCPDR4012	Design and size stormwater drainage systems
CPCPDR4013	Design and size domestic treatment plant disposal systems
CPCPFS2021	Connect static storage tanks for fixed fire protection systems
CPCPFS2022	Install portable fire equipment
CPCPFS3030	Design fire sprinkler systems using pre-calculated charts and tables
CPCPFS3031	Fabricate and install fire hydrant and hose reel systems

<b>Code</b>	<b>Title</b>
CPCPFS3034	Install control valve assemblies, actuating devices and local alarms
CPCPFS3036	Install special hazard systems
CPCPFS3037	Install residential life safety sprinkler systems
CPCPFS3038	Test and maintain fire hydrant and hose reel installations
CPCPFS3040	Conduct basic functional testing of water-based fire-suppression systems
CPCPFS3041	Inspect and test fire pumpsets
CPCPFS3042	Conduct annual routine service of complex water-based fire-suppression systems
CPCPFS3043	Conduct functional water flow testing
CPCPFS3044	Install distribution and range pipes
CPCPFS3045	Fit off sprinkler heads, controls and ancillary equipment
CPCPFS3046	Test the integrity of water-based fire protection systems using pressure
CPCPFS3047	Test and maintain automatic fire sprinklers
CPCPFS3048	Install fixed fire pumpsets
CPCPFS3049	Conduct preventive maintenance on fixed fire pumpsets
CPCPFS4021	Commission domestic and residential fire suppression sprinkler systems
CPCPFS4022	Commission and maintain special hazard fire suppression systems
CPCPFS4023	Commission fire system pumpsets
CPCPFS4024	Design residential and domestic fire sprinkler systems
CPCPFS4025	Commission fire alarm and detection system interface devices
CPCPFS4026	Commission firefighting appliances
CPCPFS4027	Commission fire sprinkler systems
CPCPFS5010	Design fire-compliant hydraulic services
CPCPFS5011	Design fire sprinkler systems
CPCPFS5012	Design fire hydrant and hose reel systems
CPCPGS3046	Install LPG systems in caravans, mobile homes and mobile workplaces
CPCPGS3047	Install LPG systems in marine craft
CPCPGS3048	Install gas pressure control equipment
CPCPGS3049	Install gas appliance flues
CPCPGS3051	Purge consumer piping
CPCPGS3052	Maintain Type A gas appliances
CPCPGS3053	Disconnect and reconnect Type A gas appliances
CPCPGS3054	Calculate and install natural ventilation for Type A gas appliances
CPCPGS3055	Install gas sub-meters

<b>Code</b>	<b>Title</b>
CPCPGS3056	Size and install consumer gas piping systems
CPCPGS3059	Install LPG storage of aggregate storage capacity up to 500 litres
CPCPGS3060	Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL
CPCPGS3061	Install and commission Type A gas appliances
CPCPGS4011	Design and size consumer gas installations
CPCPGS4022	Service Type A gas appliances
CPCPGS4023	Install, commission and service Type B gas appliances
CPCPIG2021	Design domestic urban irrigation systems
CPCPIG3021	Set out, install and commission irrigation systems
CPCPIG3022	Install and commission domestic irrigation pumps
CPCPMS2021	Assemble mechanical services components
CPCPMS3031	Fabricate and install steel pressure piping
CPCPMS3032	Select and fit insulation and sheathing
CPCPMS3033	Install small bore heating systems
CPCPMS3034	Install and test medical gas pipeline systems
CPCPMS3035	Install and test ducting systems
CPCPMS3036	Install air handling units
CPCPMS3037	Install and commission a single head split system air conditioning
CPCPMS3038	Install air conditioning control equipment
CPCPMS3039	Maintain mechanical services equipment
CPCPMS3040	Install and maintain evaporative air cooling systems
CPCPMS3041	Install domestic solid fuel burning appliances
CPCPMS4011	Design, size and lay out heating and cooling systems
CPCPMS4022	Commission air and water systems
CPCPMS4023	Design compressed air systems
CPCPMS5010	Design steam generation and distribution systems
CPCPMS5011	Design air conditioning and ventilation systems
CPCPMS5012	Design sound attenuated hydraulic services
CPCPMS5013	Design hydronic heating and cooling systems
CPCPPS5000	Design gas bulk storage systems
CPCPPS5001	Design industrial gas systems
CPCPPS5002	Design gas reticulation systems
CPCPPS5014	Locate and maintain piping systems

<b>Code</b>	<b>Title</b>
CPCPPS5015	Inspect plumbing and drainage systems
CPCPPS5023	Design solar water heating systems
CPCPPS5024	Conduct a water audit and identify water-saving initiatives
CPCPPS5025	Design grey water re-use systems
CPCPPS5026	Design rainwater collection, storage, distribution and re-use systems
CPCPPS5027	Design irrigation systems
CPCPPS5028	Design trade waste pre-treatment systems
CPCPPS5030	Design pump systems
CPCPPS5032	Design siphonic stormwater drainage systems
CPCPPS5033	Design vacuum drainage systems
CPCPRF2022	Select and install roof sheeting and wall cladding
CPCPRF2023	Collect and store roof water
CPCPRF2024	Fabricate roof coverings for curved structures
CPCPRF3021	Receive roofing materials
CPCPRF3022	Fabricate and install roof drainage systems
CPCPRF3023	Fabricate and install external flashings
CPCPRF3024	Install roof components
CPCPRF3025	Install roof coverings to curved roof structures
CPCPRF3026	Install roof sheets, wall cladding and complex flashings
CPCPRF3027	Select and install a heritage roof system
CPCPRF4011	Design and size roof drainage systems
CPCPSN3011	Plan the layout of a residential sanitary plumbing system and fabricate and install sanitary stacks
CPCPSN3022	Install discharge pipes
CPCPSN3025	Install pre-treatment facilities
CPCPSN3026	Install sewerage pumpsets
CPCPSN4011	Design and size sanitary plumbing systems
CPCPWT3020	Connect and install storage tanks to a domestic water supply
CPCPWT3021	Set out and install water services
CPCPWT3022	Install and commission water heating systems and adjust service controls and devices
CPCPWT3024	Install and maintain domestic water treatment equipment
CPCPWT3025	Install water pumpsets
CPCPWT3026	Install and fit off sanitary fixtures, water services and adjust water service controls

<b>Code</b>	<b>Title</b>
CPCPWT3027	Install backflow prevention devices
CPCPWT3028	Install property service
CPCPWT3029	Install water pipe systems
CPCPWT3030	Install home fire sprinkler systems
CPCPWT4011	Design and size heated and cold-water services and systems
CPCPWT4022	Commission and maintain backflow prevention devices
CPCPWT4023	Commission and maintain hot and heated water temperature control devices
CPCSF5001	Define scope and hazard level of fire systems design projects
CPCSF5002	Research and interpret detailed fire systems design project requirements
CPCSF5003	Develop plans and methodology for fire systems design projects
CPCSF5005	Research and evaluate fire system technologies and components
CPCSF5006	Create detailed designs for fire sprinkler systems
CPCSF5007	Create detailed designs for hydrant and hose reel systems
CPCSF5008	Create detailed designs for fire detection and warning systems
CPCSF5009	Create detailed designs for fire systems' water supplies
CPCSF5010	Provide documentation and support for fabrication of fire sprinkler systems
CPCSF5011	Provide design documentation and review and support fire system installation processes
CPCSF5013	Support commissioning processes and finalise fire systems design projects
CPCSF5014	Conduct annual fire systems inspections
CPCSF5015	Prepare documentation for annual fire systems inspections
CPCSF5017	Create detailed designs for foam suppression systems
CPCSH3001	Fabricate shopfitting components using CNC machines
CPCSH3002	Fabricate and assemble shopfront structures
CPCSH3003	Assemble and install shopfront structures
CPCSH3004	Assemble internal shopfitting units and prepare for transport
CPCSH3005	Apply and trim decorative additions to shopfittings and components
CPCSH3006	Prepare shopfittings and surfaces and apply liquid finishes
CPCSH3007	Install prefabricated internal shopfitting units
CPCSH3008	Install internal shop walls and fixtures
CPCSH3009	Demolish shopfronts and bulkheads
CPCSH3010	Prepare shop floors for new coverings
CPCSP4001	Investigate and prepare swimming pool site

Code	Title
CPCSPS4002	Select, procure and store construction materials for swimming pool and spa projects
CPCSPS4003	Install swimming pool and spa subsoil drainage
CPCSPS4004	Install swimming pool and spa circulation systems and components
CPCSPS4005	Install prefabricated fibreglass swimming pools
CPCSPS4006	Apply sprayed concrete to shape and finish swimming pools and spas
CPCSPS4007	Commission ancillary swimming pool and spa systems and hand over to client
CPCSPS4008	Install above-ground swimming pools
CPCSPS4009	Undertake interior finishing of swimming pools and spas
CPCSPS4010	Lay swimming pool and spa coping
CPCSPS4011	Install precast concrete swimming pools
CPCSUS4001	Implement and monitor environmentally sustainable work practices
CPCSUS4002	Use building science principles to construct energy efficient buildings
CPCSUS4003	Maximise energy efficiency through applied trade skills
CPCSUS5001	Develop workplace policies and procedures for sustainability
CPCSUS5002	Develop action plans to retrofit existing buildings for energy efficiency
CPCSUS5003	Manage energy efficient building methods and strategies
CPCWHS3001	Identify construction work hazards and select risk control strategy

### CPC Construction, Plumbing and Services Training Package skill sets

Skill sets are single units of competency or combinations of units of competency from an endorsed Training Package/s that link to licensing or regulatory requirements, or a defined industry need.

A skill set is awarded with the issuing of a Statement of Attainment.

Each skill set has a code that is automatically assigned by [www.training.gov.au](http://www.training.gov.au) (TGA) where the:

- first three characters identify the Training Package
- next two characters indicate that it is a skill set
- numbers identify the skill set's position in the sequence of skill sets in that Training Package.

Skill Set Code	Skill Set Title
CPCSS00005	Apply BIM Processes to Construction Work Skill Set
CPCSS00006	Provide Building Surveying Services for Residential Buildings up to Three Storeys Skill Set



## Qualification mapping information

The mapping tables below detail the qualifications in the CPC Construction, Plumbing and Services Training Package, according to release, with comments about their relationship to previous qualifications in the CPC08 Construction, Plumbing and Services Training Package, starting with the most current release of the CPC Construction, Plumbing and Services Training Package.

Note that minor upgrades to the CPC Construction, Plumbing and Services Training Package:

- have been authorised by the chair of the Construction, Plumbing and Services IRC
- are made between releases
- have no impact on the vocational/job outcome of a qualification or unit of competency and are 'therefore not subject to the full development and endorsement process set out in' the Australian Industry and Skills Committee (AISC) *Training Package Development and Endorsement Process Policy* and 'do not need AISC approval' (page 28).

Note: Release 3.0 and Release 2.1 involved two units and one unit respectively; consequently, these releases are covered in the unit mapping information.

Please note that the equivalency nomination against each component in this Companion Volumen Implementation Guides, aims to reflect the current equivalency status represented on the National Register.

<b>Release 6.0</b>			
<b>CPC Construction, Plumbing and Services Training Package Release 6.0</b>	<b>CPC Construction, Plumbing and Services Training Package Release 5.1</b>	<b>Comments</b>	<b>E/N</b>
CPC40920 Certificate IV in Plumbing and Services	CPC40920 Certificate IV in Plumbing and Services	Minor release. Typographical error rectified in unit CPCPWT4023. Removed word 'test' from unit title in Group B electives.	N
CPC60121 Advanced Diploma of Building Surveying	CPC60115 Advanced Diploma of Building Surveying	Supersedes and is equivalent to CPC60115 Advanced Diploma of Building Surveying as the occupational outcome is unchanged.  Core and elective packaging arrangements have changed. Core number of units has increased from 14 to 19 with total number of units required for the qualification increased from 17 to 22.	E

<b>Release 5.1</b>			
<b>CPC Construction, Plumbing and Services Training Package Release 5.1</b>	<b>CPC Construction, Plumbing and Services Training Package Release 5.0</b>	<b>Comments</b>	<b>E/N</b>
CPC10120 Certificate I in Construction	CPC10120 Certificate I in Construction	Unit code corrected in Core list from CPCWHS2001 to CPCCWHS2001.	E
CPC20220 Certificate II in Construction Pathways	CPC20220 Certificate II in Construction Pathways	Group I: General elective unit list is updated by removing "A" from the unit codes CPCPCM2043 and CPCPRF2022 and adding CPCPCM2055 Work safely on roofs as prerequisite requirement.	E
CPC20720 Certificate II in Drainage	CPC20720 Certificate II in Drainage	Correction to unit title CPCPCM3022 in Elective units; corrected from <i>‘Weld polyethylene and polypropylene pipes using fusion method’</i> to <i>‘Weld polymer pipes using fusion method’</i> .	E
CPC30216 Certificate III in Signs and Graphics	CPC30216 Certificate III in Signs and Graphics	Imported units updated to current releases.	N
CPC30220 Certificate III in Carpentry	CPC30220 Certificate III in Carpentry	Addition of CPCPCM2043 Carry out WHS requirements to general electives.	E
CPC30620 Certificate III in Painting and Decorating	CPC30620 Certificate III in Painting and Decorating	Typographical error in unit code corrected for clarity; Asterix added to CPCCOM2001, CPCCPD3025A superseded by CPCCPD3025.	E
CPC30720 Certificate III in Rigging	CPC30720 Certificate III in Rigging	Typographical error in unit code corrected for clarity; Asterix added to CPCCOM2001.	E
CPC30920 Certificate III in Scaffolding	CPC30920 Certificate III in Scaffolding	Typographical error in unit code corrected for clarity; unit code changed from	E

<b>Release 5.1</b>			
<b>CPC Construction, Plumbing and Services Training Package Release 5.1</b>	<b>CPC Construction, Plumbing and Services Training Package Release 5.0</b>	<b>Comments</b>	<b>E/N</b>
		CPCCCM2001 to CPCCOM2001*.	
CPC31120 Certificate III in Steelfixing	CPC31120 Certificate III in Steelfixing	Typographical error in unit code corrected for clarity; unit code changed from CPCCCM2001 to CPCCOM2001*.	E
CPC32320 Certificate III in Stonemasonry	CPC32320 Certificate III in Stonemasonry	Core units now listed alphanumerically.  Modification history corrected from Property Services Training Package to Construction, Plumbing and Services Training Package.	E
CPC32420 Certificate III in Plumbing	CPC32420 Certificate III in Plumbing	Addition of CPCPRF2024 Fabricate roof coverings for curved structures to Group D Elective units.	N
CPC32620 Certificate III in Roof Plumbing	CPC32620 Certificate III in Roof Plumbing	Addition of CPCPRF2024 Fabricate roof coverings for curved structures to Elective units.	E
CPC32720 Certificate III in Gas Fitting	CPC32720 Certificate III in Gas Fitting	Title changed for CPCPCM3022 from Corrected from <i>'Weld polyethylene and polypropylene pipes using fusion method'</i> to <i>'Weld polymer pipes using fusion method'</i> and an asterisk added to MEM11011 and MEM16006 for clarity.	E
CPC32820 Certificate III in Fire Protection	CPC32820 Certificate III in Fire Protection	Correction to unit title CPCPCM3022 in Elective units; title corrected from <i>'Weld polyethylene and polypropylene pipes using fusion method'</i> to <i>'Weld polymer pipes using fusion method'</i> .	E
CPC32920 Certificate III in Construction Crane Operations	CPC32920 Certificate III in Construction Crane Operations	Typographical error in unit code corrected for clarity; unit code changed from	E

<b>Release 5.1</b>			
<b>CPC Construction, Plumbing and Services Training Package Release 5.1</b>	<b>CPC Construction, Plumbing and Services Training Package Release 5.0</b>	<b>Comments</b>	<b>E/N</b>
		CPCCCM2001 to CPCCOM2001*.	
CPC33020 Certificate III in Bricklaying and Blocklaying	CPC33020 Certificate III in Bricklaying and Blocklaying	Title change in unit list for CPCCBL3017 Carry out tuck pointing brickwork; title corrected from <i>'Carry out tuck pointing brickwork'</i> to <i>'Carry out tuck pointing and repointing to masonry'</i> .	E
CPC40120 Certificate IV in Building and Construction	CPC40120 Certificate IV in Building and Construction	Imported unit BSBPEF501 Manage personal and professional development replaced by BSBWOR501 Manage personal work priorities and professional development. Unit grid sorted for clarity.	E
CPC40320 Certificate IV in Building Project Support	CPC40320 Certificate IV in Building Project Support	Imported unit BSBPMG522 Undertake project work replaced by BSBPMG430 Undertake project work.	E
CPC41020 Certificate IV in Demolition	CPC41020 Certificate IV in Demolition	Inclusion of CPCCWH2001 Apply WHS requirements, policies and procedures in the construction industry to the General Elective units.	E
CPC50320 Diploma of Building and Construction (Management)	CPC50320 Diploma of Building and Construction (Management)	Correction to titles for imported elective units BSBOPS502 and BSBOPS505. Imported elective units BSBLDR522 Manage people performance and BSBLDR523 Lead and manage effective workplace relationships removed from Elective units.	N
CPC60220 Advanced Diploma of Building and Construction (Management)	CPC60220 Advanced Diploma of Building and Construction (Management)	Mapping statement corrected. General elective units listed alphanumerically.	E

<b>Release 5.0</b>			
<b>CPC Construction, Plumbing and Services Training Package Release 5.0</b>	<b>CPC Construction, Plumbing and Services Training Package Release 4.0</b>	<b>Comments</b>	<b>E/N</b>
CPC30120 Certificate III in Shopfitting	CPC30116 Certificate III in Shopfitting	Supersedes and is equivalent to CPC30116 Certificate III in Shopfitting. Core and elective packaging arrangements changed. Core units increased from 11 to 12 with total number of units required for the qualification increased from 17 to 18.	E
CPC30320 Certificate III in Concreting	CPC30318 Certificate III in Concreting	Supersedes and is equivalent to CPC30318 Certificate III in Concreting. Core and elective packaging arrangements changed. Core units increased from 15 to 17 with total number of units required for the qualification increased from 20 to 22.	E

<b>Release 5.0</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
CPC10120 Certificate I in Construction	CPC10111 Certificate I in Construction	Supersedes and is equivalent to CPC10111 Certificate I in Construction. Updated to meet the Standards for Training Packages 2012.	E
CPC20120 Certificate II in Construction	CPC20112 Certificate II in Construction	Supersedes and is equivalent to CPC20112 Certificate II in Construction. Updated to meet the Standards for Training Packages 2012.	E
CPC20220 Certificate II in Construction Pathways	CPC20211 Certificate II in Construction Pathways	Supersedes and is equivalent to CPC20211 Certificate II in Construction Pathways.	E

<b>Release 5.0</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
		Updated to meet the Standards for Training Packages 2012.	
CPC20720 Certificate II in Drainage	CPC20712 Certificate II in Drainage	Supersedes and is equivalent to CPC20712 Certificate II in Drainage. Updated to meet the Standards for Training Packages 2012.	E
N/A	CPC20812 Certificate II in Metal Roofing and Cladding	Deleted.	N/A
N/A	CPC20912 Certificate II in Urban Irrigation	Deleted.	N/A
CPC30220 Certificate III in Carpentry	CPC30211 Certificate III in Carpentry	Supersedes and is equivalent to CPC30211 Certificate III in Carpentry. Changes to core and elective units and packaging rules. Updated to meet the Standards for Training Packages 2012.	E
CPC30220 Certificate III in Carpentry	CPC31511 Certificate III in Formwork/Falsework	Supersedes and is not equivalent to CPC31511 Certificate III in Formwork/Falsework. Updated to meet the Standards for Training Packages 2012.	N
CPC30220 Certificate III in Carpentry	CPC32011 Certificate III in Carpentry and Joinery	Supersedes and is not equivalent to CPC32011 Certificate III in Carpentry and Joinery. Updated to meet the Standards for Training Packages 2012.	N
CPC30420 Certificate III in Demolition	CPC30413 Certificate III in Demolition	Superseded and is equivalent to CPC30413 Certificate III in Demolition.	E

<b>Release 5.0</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
		Updated to meet the Standards for Training Packages 2012.	
N/A	CPC30511 Certificate III in Dogging	Deleted due low levels of completions.	N/A
CPC30620 Certificate III in Painting and Decorating	CPC30611 Certificate III in Painting and Decorating	Supersedes and is equivalent to CPC30611 Certificate III in Painting and Decorating. Updated to meet the Standards for Training Packages 2012.	E
CPC30720 Certificate III in Rigging	CPC30711 Certificate III in Rigging	Supersedes and is equivalent to CPC30711 Certificate III in Rigging. Incorporates CPCCDO units from deleted CPC30511 Certificate III in Dogging. Updated to meet the Standards for Training Packages 2012.	E
CPC30820 Certificate III in Roof Tiling	CPC30812 Certificate III in Roof Tiling	Supersedes and is equivalent to CPC30812 Certificate III in Roof Tiling. Updated to meet the Standards for Training Packages 2012.	E
CPC30920 Certificate III in Scaffolding	CPC30911 Certificate III in Scaffolding	Supersedes and is equivalent to CPC30911 Certificate III in Scaffolding. Updated to meet the Standards for Training Packages 2012.	E
CPC31020 Certificate III in Solid Plastering	CPC31011 Certificate III in Solid Plastering	Supersedes and is equivalent to CPC31011 Certificate III in Solid Plastering. Updated to meet the Standards for Training Packages 2012.	E

<b>Release 5.0</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
CPC31120 Certificate III in Steelfixing	CPC31111 Certificate III in Steelfixing	Supersedes and is equivalent to CPC31111 Certificate III in Steelfixing. Updated to meet the Standards for Training Packages 2012.	E
CPC31220 Certificate III in Wall and Ceiling Lining	CPC31211 Certificate III in Wall and Ceiling Lining	Supersedes and is equivalent to CPC31211 Certificate III in Wall and Ceiling Lining. Updated to meet the Standards for Training Packages 2012.	E
CPC31320 Certificate III in Wall and Floor Tiling	CPC31311 Certificate III in Wall and Floor Tiling	Supersedes and is equivalent to CPC31311 Certificate III in Wall and Floor Tiling. Updated to meet the Standards for Training Packages 2012.	E
CPC31420 Certificate III in Construction Waterproofing	CPC31411 Certificate III in Construction Waterproofing	Supersedes and is equivalent to CPC31411 Certificate III in Construction Waterproofing. Updated to meet the Standards for Training Packages 2012.	E
N/A	CPC31611 Certificate III in Paving	Deleted due to low enrolments. Paving units have been incorporated in the updated CPC33020 Certificate III in Bricklaying and Blocklaying.	N/A
N/A	CPC31712 Certificate III in Post-Tensioning	Deleted.	N/A
CPC31920 Certificate III in Joinery	CPC31912 Certificate III in Joinery CPC32211 Certificate III in Joinery (Stairs)	Supersedes and is equivalent to CPC31912 Certificate III in Joinery and CPC32211 Certificate III in Joinery (Stairs). Updated to meet the Standards for Training Packages 2012.	E



<b>Release 5.0</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
CPC32320 Certificate III in Stonemasonry	CPC32313 Certificate III in Stonemasonry (Monumental/Installation)	Supersedes and is equivalent to CPC32313 Certificate III in Stonemasonry (Monumental/Installation). Updated to meet the Standards for Training Packages 2012.	E
CPC32420 Certificate III in Plumbing	CPC32413 Certificate III in Plumbing	Supersedes and is not equivalent to CPC32413 Certificate III in Plumbing. Updated to meet the Standards for Training Packages 2012.	N
N/A	CPC32513 Certificate III in Plumbing (Mechanical Services)	Deleted.	N/A
CPC32620 Certificate III in Roof Plumbing	CPC32612 Certificate III in Roof Plumbing	Supersedes and is equivalent to CPC32612 Certificate III in Roof Plumbing. Updated to meet the Standards for Training Packages 2012.	E
CPC32720 Certificate III in Gas Fitting	CPC32713 Certificate III in Gas Fitting	Supersedes and is equivalent to CPC32713 Certificate III in Gas Fitting. Updated to meet the Standards for Training Packages 2012.	E
CPC32820 Certificate III in Fire Protection	CPC32813 Certificate III in Fire Protection	Supersedes and is equivalent to CPC32813 Certificate III in Fire Protection. Updated to meet the Standards for Training Packages 2012.	E
CPC32920 Certificate III in Construction Crane Operations	CPC32912 Certificate III in Construction Crane Operations	Supersedes and is equivalent to CPC32912 Certificate III in Construction Crane Operations. Updated to meet the Standards for Training Packages 2012.	E

<b>Release 5.0</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
CPC33020 Certificate III in Bricklaying and Blocklaying	CPC30111 Certificate III in Bricklaying/Blocklaying	Supersedes and is equivalent to CPC30111 Certificate III in Bricklaying/Blocklaying. Updated to meet the Standards for Training Packages 2012.	E
CPC40120 Certificate IV in Building and Construction	CPC40110 Certificate IV in Building and Construction (Building)	Supersedes and is equivalent to CPC40110 Certificate IV in Building and Construction (Building)  Increase in total number of units for qualification outcome. Changes to core and elective units and packaging rules. Changed terminology of qualification occupational titles and outcome from building to builder Updated imported elective units to current versions	E
CPC40120 Certificate IV in Building and Construction	CPC40508 Certificate IV in Building and Construction (Site Management)	Supersedes and is equivalent to CPC40508 Certificate IV in Building and Construction (Site Management) Increase in total number of units for qualification outcome. Changes to core and elective units and packaging rules. Changed terminology of qualification occupational titles and outcome from site management to site manager. Updated imported elective units to current versions.	E
CPC40320 Certificate IV in Building Project Support	CPC40308 Certificate IV in Building and Construction (Estimating)	Supersedes and is equivalent to CPC40308 Certificate IV in Building and Construction (Estimating). Change of qualification title.	E

<b>Release 5.0</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
		Change to qualification structure and packaging rules in relation to core and elective units. Updated to meet the Standards for Training Packages 2012.	
CPC40320 Certificate IV in Building Project Support	CPC40208 Certificate IV in Building and Construction (Contract Administration)	Supersedes and is equivalent to CPC40208 Certificate IV in Building and Construction (Contract Administration). Change of qualification title.  Change to qualification structure and packaging rules in relation to core and elective units. Updated to meet the Standards for Training Packages 2012.	E
N/A	CPC40408 Certificate IV in Building & Construction (Sales)	Deleted.	N/A
N/A	CPC40611 Certificate IV in Building & Construction (Specialist Trades)	Deleted.	N/A
N/A	CPC40708 Certificate IV in Building & Construction (Trade Contracting)	Deleted.	N/A
CPC40820 Certificate IV in Swimming Pool and Spa Building	CPC40808 Certificate IV in Swimming Pool and Spa Building	Supersedes and is not equivalent to CPC40808 Certificate IV in Swimming Pool and Spa Building. Packaging rules changed – previously 17 core units and 1 elective. Greater flexibility has been introduced with 8 core units and 10 elective units. A wider range of imported units are now included in the elective bank.  Updated to meet the Standards for Training Packages 2012.	N

<b>Release 5.0</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
CPC40920 Certificate IV in Plumbing and Services	CPC40912 Certificate IV in Plumbing and Services	Supersedes and is not equivalent to CPC40912 Certificate IV in Plumbing and Services. Updated to meet the Standards for Training Packages 2012.	N
CPC41020 Certificate IV in Demolition	CPC41013 Certificate IV in Demolition	Supersedes and is equivalent to CPC41013 Certificate IV in Demolition. Updated to meet the Standards for Training Packages 2012.	E
CPC50220 Diploma of Building and Construction (Building)	CPC50210 Diploma of Building and Construction (Building)	Supersedes and equivalent to CPC50210 Diploma of Building and Construction (Building). Increase in total number of units for qualification outcome. Changes to core and elective units and packaging rules. Updated imported core and elective units to current versions. Updated to meet the Standards for Training Packages 2012.	E
CPC50320 Diploma of Building and Construction (Management)	CPC50308 Diploma of Building and Construction (Management)	Supersedes and is not equivalent to CPC50308 Diploma of Building and Construction (Management). Increase in total number of units for qualification outcome. Changes to core and elective units. Updated imported core and elective units to current versions. Updated to meet the Standards for Training Packages 2012.	N

<b>Release 5.0</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
N/A	CPC50412 Diploma of Plumbing and Services	Deleted.	N/A
CPC50520 Diploma of Fire Systems Design	CPC50509 Diploma of Fire Systems Design	Supersedes and is equivalent to CPC50509 Diploma of Fire Systems Design. Updated to meet the Standards for Training Packages 2012.	E
CPC50620 Diploma of Hydraulic Services Design	CPC50612 Diploma of Hydraulic Services Design	Supersedes and is equivalent to CPC50612 Diploma of Hydraulic Services Design. Updated to meet the Standards for Training Packages 2012.	E
CPC60220 Advanced Diploma of Building and Construction (Management)	CPC60212 Advanced Diploma of Building and Construction (Management)	Supersedes and is equivalent to CPC60212 Advanced Diploma of Building and Construction (Management). Change to core units. Updated to meet the Standards for Training Packages 2012.	E
N/A	CPC80115 Graduate Certificate in Fire Systems Design Management	Deleted.	N/A

<b>Release 4.0</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
CPC30318 Certificate III in Concreting	CPC30313 Certificate III in Concreting	Supersedes but is not equivalent to CPC30313 Certificate III in Concreting. CCCCCO3053 Slump-test concrete has been incorporated into core. The packaging rules were amended to reflect this change. The core units changed from 14 to 15 units of competency. The total number of units remain the same.  Updated to meet the Standards for Training Packages 2012.	N

<b>Release 2.0</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
CPC30116 Certificate III in Shopfitting	CPC31812 Certificate III in Shopfitting	Qualification replaces superseded qualification CPC31812.  Total number of required units of competency reduced from 30 units (19 core and 11 elective units) to 17 units (11 core and 6 elective units).	N
CPC30216 Certificate III in Signs and Graphics	CPC32111 Certificate III in Signage	Qualification replaces superseded qualification CPC32111.  Total number of required units of competency reduced from 21 (14 core and 7 elective units) to 16 units (7 core and 9 elective units).	N

<b>Release 1.1</b>			
<b>CPC Construction, Plumbing and Services Training Package</b>	<b>CPC Construction, Plumbing and Services Training Package Release 1.0</b>	<b>Comments</b>	<b>E/N</b>
CPC60115 Diploma of Building Surveying units of competency	CPC60115 Diploma of Building Surveying units of competency	ISC upgrade to reflect industry-agreed modification to a component of the performance evidence in eight building surveying units of competency in relation to buildings up to three storeys.	E

<b>Release 1.0</b>			
<b>CPC Construction, Plumbing and Services Release Training Package</b>	<b>CPC08 Construction, Plumbing and Services Training Package</b>	<b>Comments</b>	<b>E/N</b>
CPC60115 Advanced Diploma of Building Surveying	CPC60108 Advanced Diploma of Building Surveying	Revised qualification deemed not equivalent to CPC60108. Qualification packaging amended. All CPC60108 units of competency reviewed, redeveloped and deemed not equivalent. Relevant content from the deleted CPC50108 Diploma of Building Surveying integrated as appropriate into CPC60115 units. New units developed.	N
CPC80115 Graduate Certificate in Fire Systems Design Management	CPC70109 Graduate Certificate in Fire Systems Design Management	Revised qualification title in line with AQF requirements. Redesigned qualification and associated units of competency to meet Standards for Training Packages 2012.	E
CPC80215 Graduate Diploma of Building Surveying		New qualification.	